

**ARIZONA GAME AND FISH DEPARTMENT  
HABITAT PARTNERSHIP PROGRAM  
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

**PROJECT INFORMATION**

<b>Project Title:</b> Fix, Dave's, NE, Rock and Ebert Tank Renovations	<b>Project No.</b> 10-207
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<b>Region/GMU:</b> Region II, GMU 7W	<b>HPC:</b>
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**Project Type:** Renovation of 5 existing dirt tanks on Ebert and Smoot Lake Allotments

**Project Description:** This project will increase water storage, and remove some of the softer sediments in Fix, Dave's, NE, Rock and Everett tanks on the Ebert and Smoot Lake Allotments and will help prevent wildlife from becoming caught in the tank bottoms as they dry up. The availability of dependable water will also help to more evenly distribute the elk population as well as other large ungulate species.

This is a joint project between the Kaibab National Forest (KNF) and the Arizona Game and Fish Department who are working in cooperation to benefit wildlife habitat. Mike Hannaman with the KNF has cleared all five tanks for renovation and has determined that no NEPA clearances are required and has completed the required archaeological evaluations. The KNF has agreed to supply the front end loader and has agreed to do the work on the proposed five tanks under a collection agreement. This project was also coordinated with Steve Clark, President of the Arizona Elk Society.

**Wildlife Species to Benefit:** Elk, Mule Deer, Pronghorn

**Possible Funding Partners:** Arizona Elk Society and the Kaibab National Forest

**Implementation Schedule:**

**Beginning:** Spring 2011

**Completed:** Summer 2011

**NEPA Compliance: (NOT REQUIRED)**

**Completed:** Yes \_\_\_ No \_\_\_

**Projected Completion Date:**

**PROJECT FUNDING**

**SBG Funds Requested:** \$ 25,000

**Cost Share Funds:** \$ 1,000 Kaibab National Forest (Archaeological Clearances)

**Total Project Costs:** \$ 26,000

**PARTICIPANT INFORMATION**

**Applicant:** Micah White  
(please print)  
**Telephone:** 928-527-6902

**Address:** Arizona Game and Fish Dept.  
3500 S. Lake Mary Rd. Flagstaff, AZ 86001

**AGFD Contact and Phone No.**  
(If applicant is not AGFD personnel)

**Coordinated with:** Kaibab National Forest & Arizona Elk Society

**Date:** June/July 2010

**Applicant's signature:**

**Date:**

**SEND COMPLETED APPLICATIONS TO:**

(revised 7-02-2007)

**Game Branch  
2221 W. Greenway Rd.  
Phoenix, AZ 85023  
rthompson@azgfd.gov**

**WAS PROJECT PRESENTED TO THE LOCAL HPC?**      YES \_\_\_\_\_ NO   X  

**HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED?**

This project has not been submitted before.

**NEED STATEMENT/PROBLEM ANALYSIS:**

In July of 2010 more than fifteen elk calves became stuck in mud at Fix, Dave's and NE tanks in northern unit 7W as these tanks went dry prior to monsoon rains. Only six elk calves were saved.

Fix, Dave's, NE, Rock and Ebert tanks are within year-round range of elk, antelope and to a lesser extent mule deer. There were several large elk herds in the area prior to these tanks going dry. Over the years these tanks have accumulated a heavy silt load decreasing the amount of water available to wildlife and increasing the likelihood of wildlife becoming trapped while trying to water.

Renovating and cleaning these stock tanks will increase water storage capacity and reliable water in the area for wildlife while minimizing the entrapment risk to antelope and deer fawns and elk calves.

**PROJECT OBJECTIVES:**

- 1) Increase available water to wildlife in these 5 dirt tanks
- 2) Decrease entrapment risk to wildlife by removal of accumulated sediment load from the tanks
- 3) Decrease water hauling expenses

**PROJECT STRATEGIES:**

The Kaibab National Forest will utilize their front-end loader to renovate these five dirt tanks. Work will begin as soon as funding is secure and the dirt tanks are dry again (all 5 have collected water from 2010 summer monsoons).

**PROJECT LOCATION:**

The five dirt tanks located are located in the north-east part of the Williams Ranger District on the Kaibab National Forest.

Township 25 N. Range 4 E. Section 3, Township 25 N. Range 3 E Sections 1, 3, 26 and 27.

See attached maps.

**LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name):**

Kaibab National Forest-Williams Ranger District

**IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?**

N/A

**HABITAT DESCRIPTION:**

Mosaic of Great Basin Grassland and pinion-juniper woodland.

**ITEMIZED USE OF FUNDS:**

Cost is difficult to estimate at this time as all five of these tanks collected monsoon runoff. Depending on the amount of sediment load in each tank the estimated cost is a minimum of \$2,500/tank to a maximum of \$5,000/tank. We are seeking the maximum estimated cost to insure sufficient funds are available to complete this project. If costs are lower, any leftover money will be returned to the SBG Funds.

The Kaibab National Forest has completed the archaeological clearances for the five tanks at an estimated cost of \$1,000.

**SBG Tag Fund request: \$25,000 for 5 dirt tanks @ 5,000/tank**

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

Kaibab National Forest Williams Ranger District

**PROJECT MONITORING PLAN:**

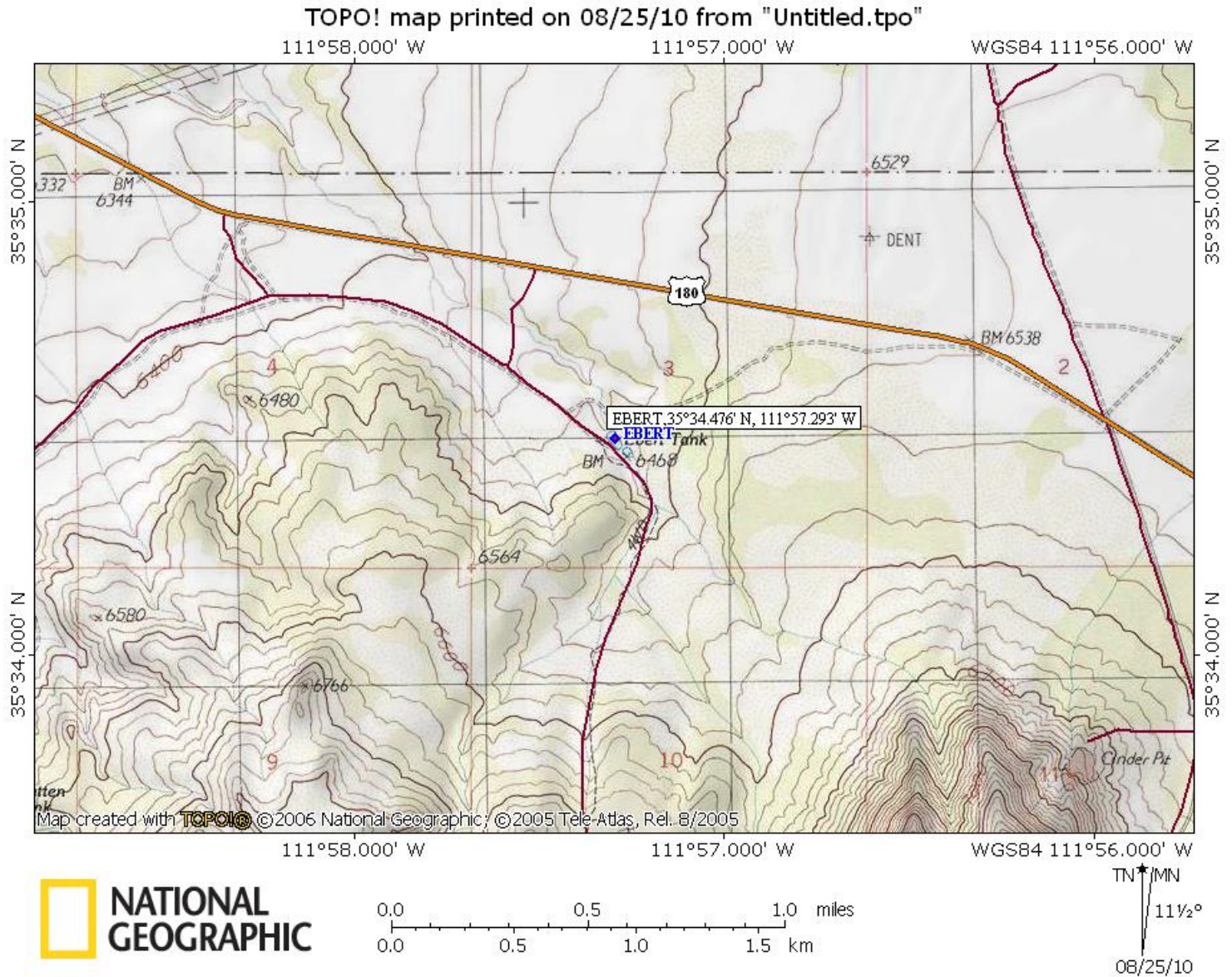
AZGFD and AES will monitor for project completion.

**PROJECT MAINTENANCE:**

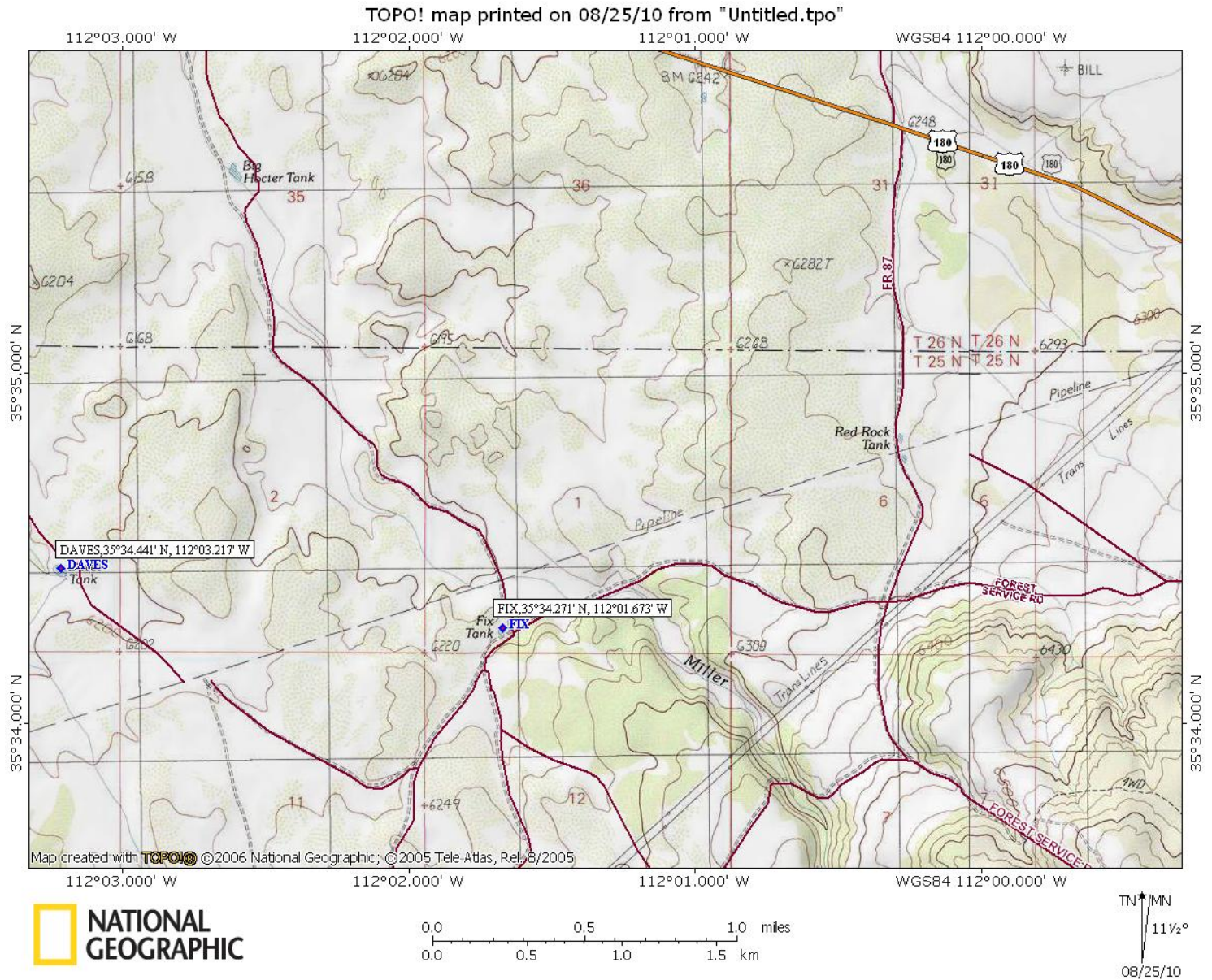
N/A.

**PROJECT COMPLETION REPORT TO BE FILED BY:**

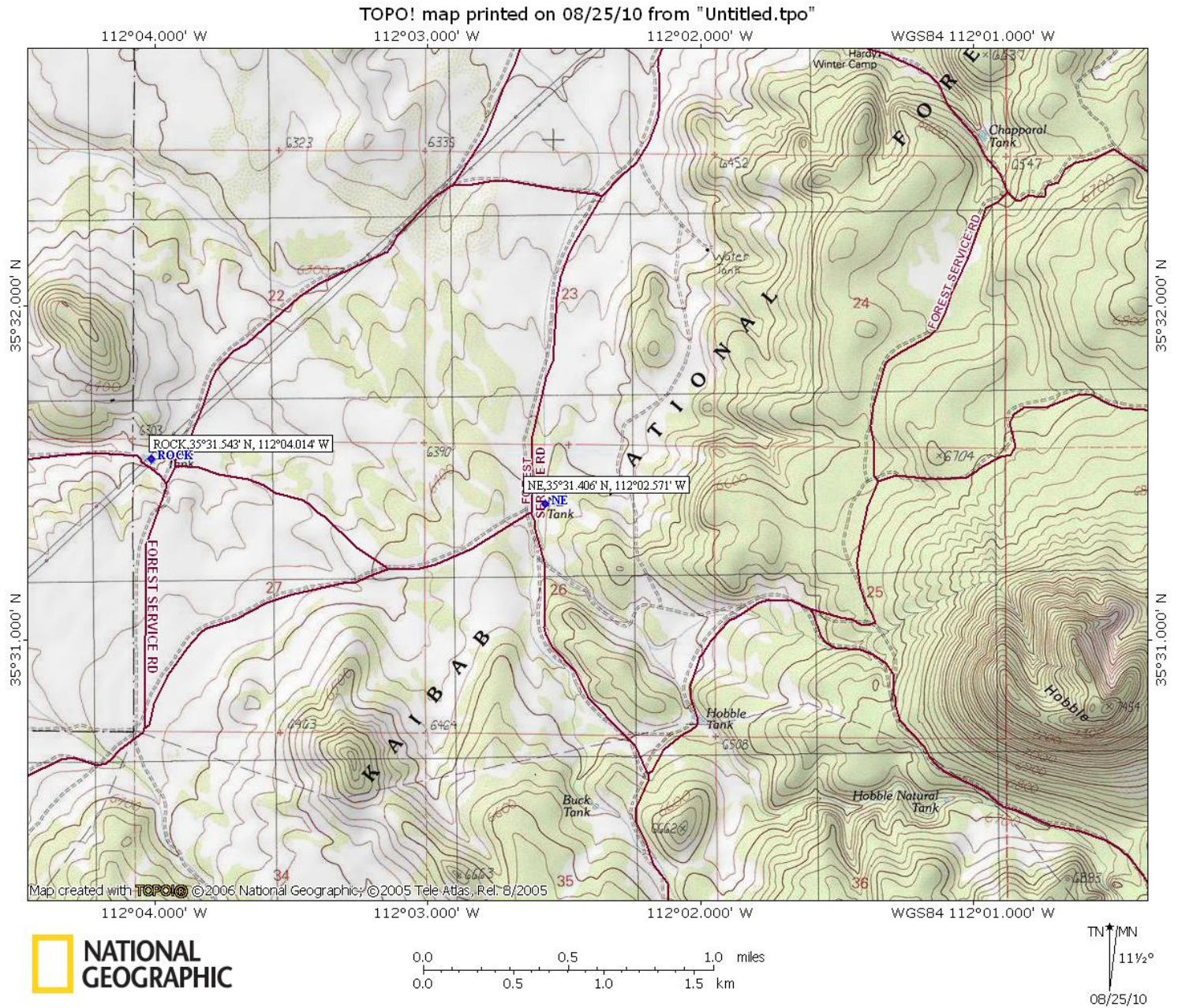
AZGFD Wildlife Manager Micah White













TOPO! map printed on 08/30/10 from "Untitled.tpo"

